

## Nuclear Power Plant

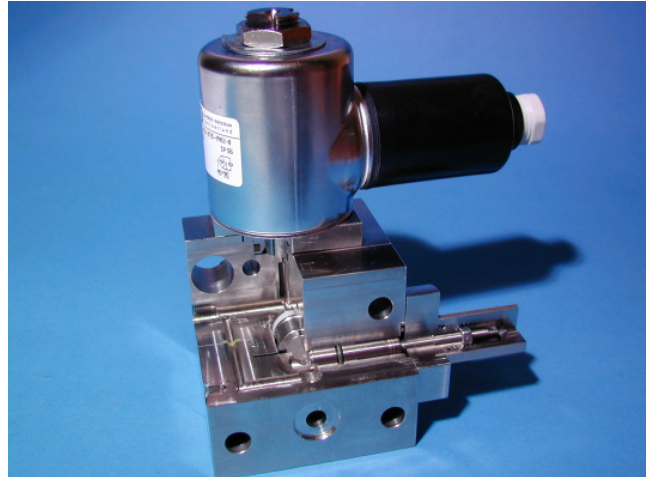
Application: Positioning of the control staves

Valve Types: 2538MDR, 2538MDL,  
2538ODR, 2538ODL

Solenoid Type: 2F25

Qualified according to Eugen Seitz QT-97-61  
Rev.2 based on KKW Leibstadt Specification  
SPTE/97/004Rev.1 and GSKL-SS-001.1-3Rev.1

The Eugen Seitz DCV has an expected lifetime of  
20 years.



### Technical datas:

2/2 way pilot operated with own fluid

Nominal diameter	7 mm
Function	NC
Temperature range	4 ... 60 °C
Pressure range	6 ... 138 bar
Nominal pressure	89.5 bar
Leakage	max 10l/h

### VALVE 2538:

Weight: 2.8 kg with throttle  
2.6 kg without throttle

### SOLENOID 2F25:

Rated voltage: 24-250 V AC/DC  
Rated power: 12 W  
Weight: 0.510 kg  
Degree of protection: IP 55

### Advantages:

- The Eugen Seitz DCV Type 2538 MDR, MDL, ODR, and ODL fit exactly into the existing mounting configuration on the HCU (Hydraulic Control Unit).
- The flow control/throttle has a finer adjustment range (14 instead of 8 turns), and can be almost fully closed. Once the flow rate is adjusted, the exact position can be firmly secured.
- Eugen Seitz provides repair kits and replacement solenoids.

### About **Eugen Seitz**:

Eugen Seitz is a Swiss family-owned solenoid valve producing company. Seitz has supplied valves for different fields since the 1950s, with close customer co-operation resulting in special customer solutions. High quality and reliability are the most important factors for Seitz when producing solenoid valves.

Nuclear references: NMP2, Grand Gulf, Perry and Clinton in the USA  
KKW Leibstadt, KKW Mühleberg, KKW Beznau in Switzerland  
Oskarshamn, Forsmark, Barsebäck and Ringhals in Sweden  
TVO in Finland